

Converting Colors

RGB(193, 185, 166)

Have a look what the booklet for
RGB(193, 185, 166) contains.

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Color

RGB(193, 185, 166)

Conversions

Conversions Part 1

Format	Color
Hex	C1B9A6
RGB	193, 185, 166
RGB Percent	76%, 73%, 65%
CMY	0.2431, 0.2745, 0.3490
CMYK	0.00, 0.04, 0.14, 0.24
HSL	42°, 18%, 70%
HSV	42°, 14%, 76%
XYZ	46.2242, 48.7886, 43.0572
YIQ	185.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

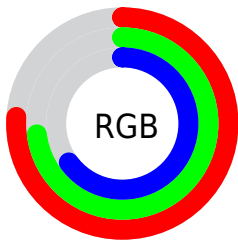
Format	Color
RYB	177, 193, 166
Decimal	12695974
CIELab	75.32, -0.42, 10.65
CIElCh	75, 10.656, 92.252
Yxy	48.7886, 0.3348, 0.3534
Android (android.graphics.Color)	4290886054 (0xFFC1B9A6)
YUV	185.2260, -9.4784, 6.8178
Hunter-Lab	69.8488, -4.1085, 12.3457

Details

The RGB color **193, 185, 166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **166, 174, 193**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **250, 241, 221**, and **139, 132, 114** is the 20% darker color. If you saturate the color by 10%, you get **193, 179, 147**, and if you desaturate by 10%, it is **193, 191, 185**.

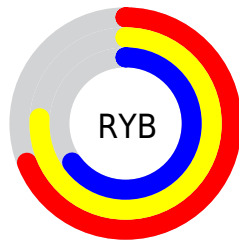
Distribution



Red (76%)

Green (73%)

Blue (65%)



Red (69%)

Yellow (76%)

Blue (65%)

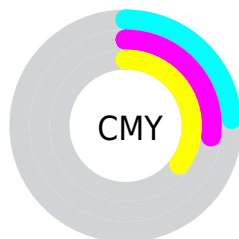


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 185, 166 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 193, 185, 166 by changing the saturation by 10% instead.


 193, 185, 166

255, 255, 255


 250, 241, 221

 255, 255, 250

 193, 185, 166


 166, 158, 140

 139, 132, 114

 114, 107, 90

 89, 83, 66

 65, 60, 44

 43, 38, 23

 23, 17, 0

 0, 0, 0

 193, 185, 166

 193, 185, 166

■ 193, 179, 147

■ 193, 191, 185

■ 193, 174, 127

■ 193, 196, 205

■ 193, 168, 108

■ 193, 202, 224

■ 193, 162, 89

■ 193, 208, 243

■ 193, 156, 70

■ 193, 214, 255

■ 193, 151, 50

■ 193, 219, 255

■ 193, 145, 31

■ 193, 225, 255

■ 193, 139, 12

■ 193, 231, 255

■ 193, 136, 0

■ 193, 236, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202, 182, 168



193, 185, 166



182, 188, 169

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 185, 166



161, 191, 196



199, 180, 195

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



193, 185, 166



166, 174, 193

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



188, 183, 202



193, 185, 166



166, 189, 202

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193, 185, 166



163, 191, 186



176, 186, 205



206, 179, 185

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193, 185, 166



174, 190, 173



176, 186, 205



196, 181, 198

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



193, 185, 166



250, 247, 240



193, 166, 174



125, 123, 119



252, 252, 252



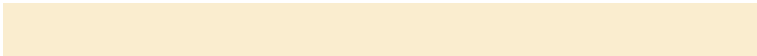
125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 185, 166



250, 237, 207



188, 193, 166



97, 94, 87



161, 113, 0



33, 23, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



166, 174, 193



207, 220, 250



171, 166, 193



87, 90, 97



0, 48, 161



0, 10, 33

Previews

White Background



This preview shows how the RGB color 193, 185, 166 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 193, 185, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

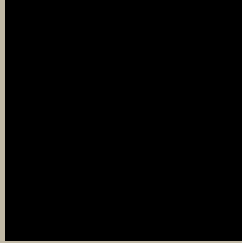
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

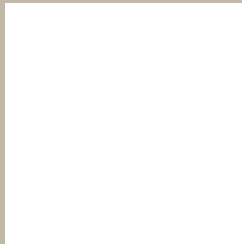
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 193, 185, 166 Background



This preview shows how black text looks on a background with the RGB color 193, 185, 166.

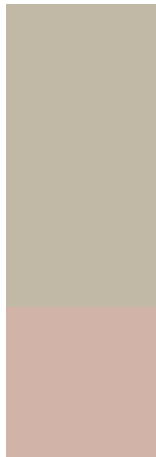


This preview shows how white text looks on a background with the RGB color 193, 185, 166.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
193, 185, 166

Protanopia
193, 185, 166

Deuteranopia
210, 179, 167



Tritanopia
197, 181, 195

Trichromacy



Original Color

193, 185, 166

Protanomaly

193, 185, 166

Deuteranomaly

204, 181, 167

Tritanomaly

196, 182, 184

Monochromacy



Original Color

193, 185, 166

Achromatopsia

185, 185, 185

Achromatomaly

188, 185, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 185, 166 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(193, 185, 166) looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 166) }
```

Border

The CSS property to change the border of an element to RGB 193, 185, 166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 185, 166) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(193, 185, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(193, 185, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 193, 185, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
185, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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